

Life Sciences: Industrial Chemical Industry

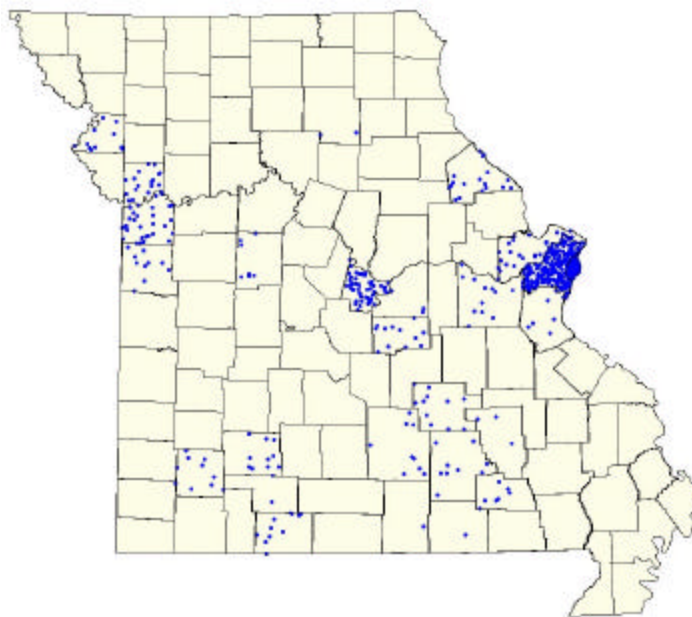
INDUSTRY DESCRIPTION

The Life Sciences Industrial Chemical industry includes firms engaged in the manufacture of chemicals for household and industrial use. This industry is a compilation of several sectors: wood preserving (SIC 2491); manmade organic fibers (SIC 2824); soap and other detergents (SIC 2841); specialty cleaners and polishes (SIC 2842); surface active and finishing agents (SIC 2843); perfumes and cosmetics (SIC 2844); gum and wood chemicals (SIC 2861); cyclic organic crudes and dyes (SIC 2865); and other industrial organic chemicals (SIC 2869).

LIFE SCIENCES: INDUSTRIAL CHEMICAL INDUSTRY MISSOURI INDICATORS, 1990-2000

	1990	2000	Percent Change
Total Employment	13,282	8,019	-39.6% ↓
Total Wages (Millions, 2000 Dollars)	\$742.1	\$361.7	-51.3% ↓
Annual Wage Per Job (2000 Dollars)	\$55,918	\$45,119	-19.3% ↓
Total Firms	136	137	0.7% ↔

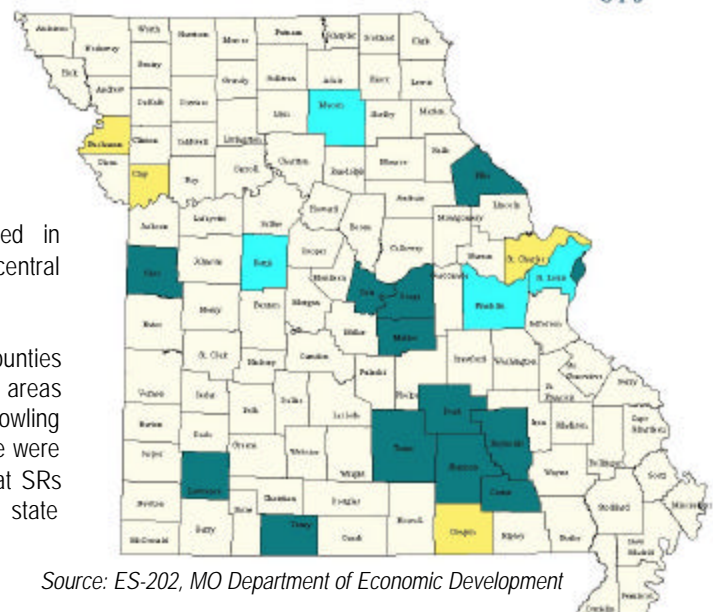
Source: ES-202, MO Department of Economic Development



• = 10 Jobs

Specialization Ratios

- High Specialization (SR > 1.5)
- Above Average Specialization (SR = 1.05 - 1.5)
- Average Specialization (SR = .95 - 1.05)
- Below Average Specialization (SR = .500 - .95)
- Low Specialization (SR < .50)

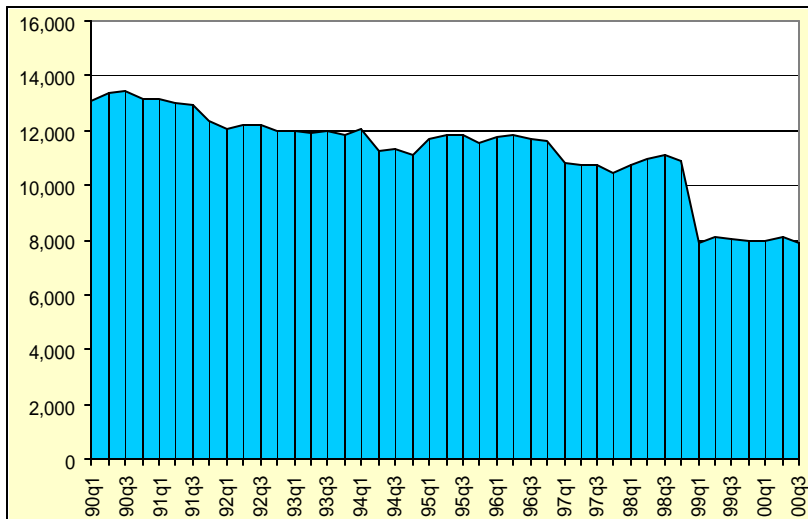


EMPLOYMENT AND SPECIALIZATION, 2000

In 2000, the majority of industrial chemical jobs were located in metropolitan St. Louis City, Jefferson City, Kansas City, and south central Missouri.

According to specialization ratios (location quotients), 13 Missouri counties were highly specialized in industrial chemical employment. These areas were concentrated in south central Missouri, central Missouri, Bowling Green, and St. Louis City. The most specialized counties in the state were Maries, Carter, Shannon, Pike, and Dent. It is important to note that SRs measure the proportion of industry employment relative to the state average, not the total number of jobs.

Source: ES-202, MO Department of Economic Development

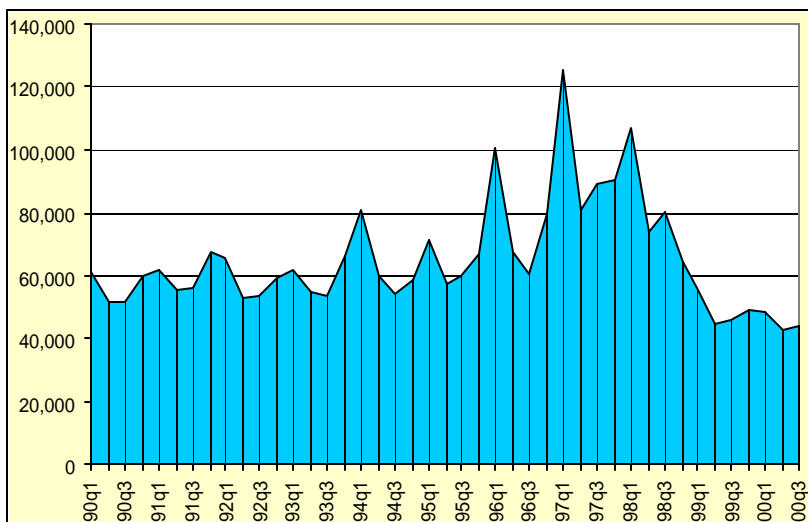


EMPLOYMENT TRENDS, 1990-2000

Industrial chemical employment in Missouri has significantly decreased during the last decade - with a sharp drop in early 1999. The most current data estimates 7,911 industrial chemical jobs during 3rd quarter 2000.

Employment was highest during 3rd quarter 1990, with 13,470 jobs. Employment was lowest during 3rd quarter 2000, with 7,911 jobs.

Source: ES-202, MO Department of Economic Development



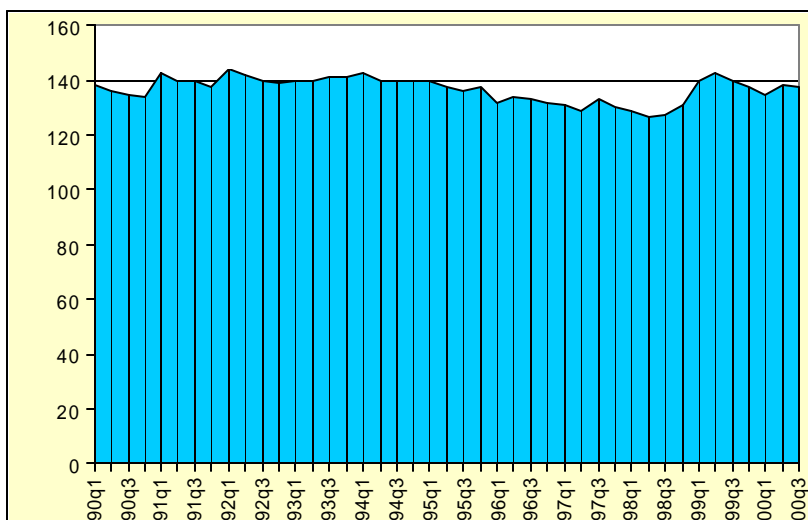
ANNUAL AVERAGE WAGE PER JOB TRENDS, 1990-2000

Annual average wages per job in the industrial chemical industry in Missouri has markedly decreased since 1990. The most current data estimates an average wage per job of \$44,121 during 3rd quarter 2000 - higher than the state average wage of \$30,497. Average wages per job in this industry have fluctuated greatly during the past decade.

Average wages per job were highest during 1st quarter 1997, at \$125,615 per job. Average wages per job were lowest during 2nd quarter 2000, at \$42,821 per job.

Wages adjusted to 2000 real dollars.

Source: ES-202, MO Department of Economic Development



FIRM TRENDS, 1990-2000

The number of industrial chemical firms in Missouri has remained steady since 1990 - although there was a small increase in 1999. The most current data estimates 137 industrial chemical firms during 3rd quarter 2000.

Firms were most numerous during 1st quarter 1992, at 144 establishments. Firms were least numerous during 2nd quarter 1998, at 126 establishments.

Source: ES-202, MO Department of Economic Development

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